

ABSTRACT OF THE DISCLOSURE

It is an object of the present invention to provide a MOS solid-state imaging element having a photodiode and an amplifier for each pixel, wherein the MOS solid-state device is provided with a range specifying portion for determining a density of a signal spacing between selection signals for selecting pixels to be read out, in accordance with a range in which a resolution is to be different in an image and a resolution of the range, and a selection portion for sending the selection signals only to pixels that have been selected from among all of the pixels by outputting the selection signals in correspondence with a specification from the range specifying portion, and wherein the amplifier of a pixel to which a selection signal has been input outputs, as a pixel signal, a charge that has accumulated in the photodiode of that pixel.

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